GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

STARRED QUESTION NO:97
ANSWERED ON:25.11.2002
SURVEY ON GROUND WATER LEVEL
RAMDAS RUPALA GAVIT

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Government have conducted any survey on constantly declining water level in the country;

(b) if so, the details thereof, State-wise; and

(c) the follow-up action taken by the Government on the survey report?

Answer

THE MINISTER OF WATER RESOURCES (SHRI ARJUN CHARAN SETHI)

(a) to (c) A Statement is laid on the Table of the House.

STATEMENTREFERRED TO IN REPLY OF PARTS (a) TO (c) OLFOKSABHA STARRED QUESTION NO. 97 REGARDIN SURVEY ON GROUND WATER LEVEL TO BE ANSWERED ON 25.11.2002.

The Central Ground Water Board (CGWB) regularly monitors the groundwater level through a network of around 15000 National Hydrograph Monitoring Stations located throughout the country. The waterlevel is taken four times in a year i.e. in the months of January, May, August and November. Analysis of data collected by the CGWB has indicated fall in the level of ground water in various parts of the country on long-term basis. The names of the States/districts having pockets with fall in water level in the last twenty years (1982-2001) are given in the Annexure.

Water being a State subject, it is primarily the responsibility of the concerned State Governments to plan, finance and execute schemes for augmenting water resources. To remedy the situation, Central Government has initiated following measures to arrest decline in ground water and to harness it:-

(i) Implementation of a Central Sector Schemefor Study of Recharge to Ground Water in the country during the IX Five Year Plan at a cost of Rs. 23.48 crore.

(ii) Circulation of Manual on Artificial Recharge of Ground Water to the States/Union Territories to enable them to formulate area specific artificial recharge schemes to check the declining trend in ground water levels.

(iii) Circulation of a Model Bill in the year 1970 which was re-circulated in 1992 and again in 1996 to all the States/Union Territories to enable them to enact suitable legislation for regulation and control of ground water development.

(iv) Organisation of mass awareness programmes and training courses on rain water harvesting and artificial recharge of ground water .

(v) Constitution of Central Ground Water Authority under the Environment (Protection) Act, 1986 for regulation and control of ground water management and development.

ANNEXURE

(REFERENCE LOK SABHA STARRED QUESTION NO. 97 DATED 25.11.2002.)

NAME OF THE STATES/DISTRICTS HAVING POCKETS WITH FALL IN WATER LEVEL IN LAST TWENTY YEARS (198 (Pre-monsoon Period)

Sl. No.	States	Fall in Water Level	
		4-6 metre	more than 6 metre

1	Andhra Pradesh	Adilabad, Anantpur, Chittoor, Hyderabad, Karimnagar, Khammam, Kurnool, Mahbubnagar, Medak, Nalgonda, Nellore, Nizamabad, Prakasam, Ranga Reddy, Srikakulam, Warangal Vijayanagaram, Visakhapatnam,	Adilabad, Anantpur, East Godavari, Hyderabad, Karimnagar, Kurnool, Mabhubnagar, Medak, Prakasam, Srikakulam, Vijayanagaram, Warangal, Visakhapatnam, W-Godavari
2	Bihar	Gaya, Giridih, Lohardaga, Palamu	
3	Chhattisgarh	Baster, Bilaspur, Janjgir, Champa, Kanker	Baster, Dantewada, Durg, Raigarh
4	Gujarat	Ahmedabad, Amreli, Banaskantha, Baroda, Bharuch, Bhavnagar, Jamnagar, Junagadh, Kheda, Kutch, Mehsana, Rajkot, Sabarkantha, Surat, Surendranagar, Valsad	Ahmedabad, Amreli, Banaskantha, Baroda, Bharuch, Bhavnagar, Dangs, Jamnagar, Junagadh, Kheda, Kutch, Mehsana, Panchmahal, Rajkot, Sabarkantha, Surat, Surendranagar
5	Haryana	Faridabad, Gurgaon, Hissar, Bhiwani, Jind, Kaithal, Karnal, Kurukshetra, Mahendragarh, Panchkula, Panipat, Rewari, Sirsa	Faridabad, Gurgaon, Kaithal, Kurukshetra, Mahenderagarh, Panipat, Rewari, Rohtak, Sirsa, Yamunagar
6	Delhi	South West, South, New Delhi, North West, Central	South, South West, New Delhi, West,
7	Karnataka	Bangalore, Bidar, Bijapur, Dharwad, Gadag, Gulbarga, Kolar, Koppala, Shimoga, Tumkur, Uttar Kannada	Belgaum, Bangalore, Belary, Belgaum, Bidar, Bijapur, Chamarajanagara, Chitradurga, Davanagere, Gadag, Gulbarga, Hassan, Haveri, Mandya, Mysore, Raichur, Shimoga, Tumkur, Uttar Kannada
8	Kerala	Ernakulam, Idukki, Kannur, Kasaragod, Kollam, Kottayam, Kozhikode	Iddukki, Kannur, Kollam, Kottayam, Thiruvananthapuram
9	Madhya Pradesh	Betul, Bhind, Chhatarpur, Chhindwara, Damoh, Datia, Dewas, Dhar, Guna, Jabalpur, Katni, Khandwa, Khargone, Morena, Narsinghpur, Nimach, Panna, Raisen, Ratlam, Rewa, Sagar, Satna, Sehore, Shajapur, Sheopur, Shivpuri	Barwani, Betul, Bhind, Datia, Dewas, Gwalior, Indore, Jabalpur, Khandwa, Khargone, Mandsaur, Narsinghpur, Nimach, Raisen, Rajgarh, Rewa, Shajapur, Vidisha
10	Maharashtra	Ahmednagar, Amravati, Aurangabad, Beed,	Akola, Ahmednagar, Amravati, Aurangabad,

	Bhandara, Chandrapur, Gadchiroli, Latur, Nasik, Satara, Wardha,	Buldhana, Dhule, Jalgaon, Jalna, Nagpur, Nanded, Parbhani, Sangli, Sholapur, Thane, Yavatmal	Beed, Chandrapur, Kolhapur, Pune,	Bhandara, Jalgaon, Latur, Nanded, Sholapur
11	North Eastern States	Jorhat, Kamrup, Karbi-Anglong, South Tripura, West Tripura		Morigaon
12	Orissa	Balasore, Cuttack, Dhenkanal, Ganjam, Keonjhar, Mayurbanj, Nowrangpur, Sambalpur, Suvarnpur	Bolangir, Deogarh, Gajapati, Kalahandi, Khurda, Koraput, Nayagarh, Phulbani,	Angul, Dhenkanal, Gajapati, Ganjam, Khurda, Koraput, Malkangiri, Phulbani, Sundergarh, Suvarnpur
13	Punjab	Amritsar, Jalandhar, Ludhiana, Mansa, Patiala, Sangrur	Bhatinda, Ferozepur, Moga,	Amritsar, Jalandhar, Ludhiana, Moga, Patiala, Ropar, Sangrur
14	Rajasthan	Ajmer, Alwar, Banswara, Baran, Barmer, Bundi, Chittorgarh, Churu, Dausa, Dungarpur, Hanumangarh, Jaipur, Jalore, Jhalawar, Jodhpur, Kota, Nagaur, Pali Rajsamand, Sirohi, Tonk, Udaipur		Ajmer, Alwar, Banswara, Baran, Barmer, Bhilwara, Bikaner, Bundi, Chittorgarh, Churu, Dholpur, Dungarpur, Jaipur, Jalore, Jhalawar, Jhunjhunu, Jodhpur, Kota, Nagaur, Pali Rajsamand, Sawai Madhopur, Sikar, Sirohi, Tonk, Udaipur
15	Tamil Nadu	Coimbatore, Dindigul, Kancheepuram, Madras, Theni, Tiruvannamalai, Tuticorin Sivaganga, Tanjavur, Tirunelveli, Tiruvallur, Tiruvarur	Dharampur, Dharmapuri, Erode, Kumari, Perambalur,	Coimbatore, Cuddalore, Kanya Namakkal, Pudukkottai,
16	Uttar Pradesh	Agra, Aligarh, Allahabad, Badaun, Ballia, Barabanki, Bareilly, Bijnor, Bulandshahar, Etah, Etawah, Faizabad, Fatehgarh, Fetehpur, Ghaziabad, Hamirpur, Hardoi, Jalaun, Jaunpur, Jhansi, Kanpur, Lakhimur, Lalitpur, Lucknow, Mainpuri, Mathura, Mirzapur, Moradabad, Muzaffarnagar, Pratapgarh, Raebareili, Rampur, Saharanpur, Shahjahanpur, Sitapur, Sultanpur, Unnao		Agra, Aligarh, Allahabad, Badaun, Banda, Barabanki, Bareilly, Bulandshahar, Deoria, Etah, Etawah, Fatehgarh, Fatehpur, Hamirpur, Hardoi, Jaunpur, Jhansi, Kanpur, Lucknow, Mainpuri, Meerut, Moradabad, Muzaffarnagar, Pratapgarh, Raebareli, Sultanpur, Unnao	
17	West Bengal	Bankura, Kochbihar, Purulia Dinajpur, Jalpaiguri, Purulia	Birbhum,	Bankura, Birbhum, Bardhaman, Dakshin